

U.S. Patent Application Serial No. 10/523,565

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CENTRAL FAX CENTER****AUG 02 2007****Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Previously Presented) A distribution box connection module for telecommunications and data technology, comprising

a housing in which externally accessible input and output contacts are arranged for the connection of cables and cores, with the housing having a cavity in which at least one printed circuit board is arranged, with the input and output contacts being arranged on the opposite end faces of the housing, and with the input contacts being associated with one input side and the output contacts being associated with one output side,

wherein the input contacts are in the form of at least two mutually opposite rows of contacts, and the output contacts are in the form of at least one plug connector, with at least two input contacts in the first row and at least two input contacts in the second row being connected to the output contacts in each plug connector, and with the input contacts in the first row and in the second row being connected via the at least one printed circuit board to the output contacts in the plug connector.

2. (Previously Presented) The distribution box connection module as claimed in claim 1, wherein the input contacts are in the form of insulation displacement terminal contacts.

3. (Previously Presented) The distribution box connection module as claimed in claim 1, wherein the plug connectors are in the form of RJ-45 female connectors.

4. (Previously Presented) The distribution box connection module as claimed in claim 1, wherein the output contacts are in the form of two mutually opposite rows of plug connectors.

5. (Previously Presented) The distribution box connection module as claimed in claim 1, wherein two mutually opposite printed circuit boards (50) are arranged within the housing and are electrically connected to one another.

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6. (Previously Presented) The distribution box connection module as claimed in claim 5, wherein the printed circuit boards are connected to one another via a flat ribbon cable.
7. (Previously Presented) The distribution box connection module as claimed in wherein, wherein function and/or protection elements are arranged on the printed circuit board, and are arranged electrically between the input and output contacts.
8. (Original) The distribution box connection module as claimed in claim 7, wherein the protection elements are in the form of overvoltage protection elements or circuits.
9. (Previously Presented) The distribution box connection module as claimed in claim 1, wherein the housing is formed from two or more parts, with at least part of the housing being composed of metal.
10. (Previously Presented) The distribution box connection module as claimed in claim 9, wherein the metal housing is formed with grounding clips, which are connected to contact pads on the printed circuit board.
11. (Previously Presented) The distribution box connection module as claimed in claim 9, wherein the metal housing is formed with connecting elements for profiled rods and/or rails.
12. (Previously Presented) The distribution box connection module as claimed in claim 1, wherein the input contacts have associated isolating contacts.
13. (Previously Presented) A distribution box connection module for telecommunications and data technology, comprising:
  - a housing having a first end face and a second, opposite end face;
  - a printed circuit board mounted to the housing;
  - a first row of input contacts arranged on the first end face of the housing, the input contacts of the first row being configured to receive wire cores from outside the housing;

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a second row of input contacts arranged on the first end face of the housing opposite the first row of input contacts, the input contacts of the second row being configured to receive wire cores from outside the housing;

a plug connector arranged on the second end face of the housing, the plug connector being configured to receive a cable plug from outside the housing, the plug connector electrically coupled to at least two input contacts of the first row and at least two input contacts of the second row via the printed circuit board.

14. (NEW) A distribution box connection module for telecommunications and data technology, comprising

a housing in which externally accessible input and output contacts are arranged for the connection of cables and cores, with the housing having a cavity in which at least one printed circuit board is arranged, with the input and output contacts being arranged on the opposite end faces of the housing, and with the input contacts being associated with one input side and the output contacts being associated with one output side,

wherein the input contacts are in the form of at least two mutually opposite rows of contacts, and the output contacts are in the form of at least one plug connector, with at least two input contacts in the first row and at least two input contacts in the second row being connected to the output contacts in each plug connector, and with the input contacts in the first row and in the second row being connected via the at least one printed circuit board to the output contacts in the plug connector;

wherein the input contacts are in the form of insulation displacement terminal contacts;

and

wherein the plug connectors are RJ-style connectors.

15. (NEW) The distribution box connection module as claimed in claim 14, wherein the output contacts are in the form of two mutually opposite rows of plug connectors.

16. (NEW) The distribution box connection module as claimed in claim 14, wherein two mutually opposite printed circuit boards are arranged within the housing and are electrically connected to one another.

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17. (NEW) The distribution box connection module as claimed in claim 14, wherein the housing is formed from two or more parts, with at least part of the housing being composed of metal.

18. (NEW) The distribution box connection module as claimed in claim 13, wherein the output contacts are in the form of two mutually opposite rows of plug connectors.

19. (NEW) The distribution box connection module as claimed in claim 13, wherein two mutually opposite printed circuit boards are arranged within the housing and are electrically connected to one another.

20. (NEW) The distribution box connection module as claimed in claim 13, wherein the housing is formed from two or more parts, with at least part of the housing being composed of metal.